

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A recording apparatus for recording to a recording medium AV data containing at least one of audio data and video data, and recovery data for restoring management information for the AV data when AV data recording did not end normally, said recording apparatus ~~recording the recovery data interleaved with the AV data during AV data recording~~ comprising:

a first generator operable to generate recovery data for each constant or variable period;

a second generator operable to generate AV data; and

a recorder operable to interleave the recovery data with the AV data, and to record the interleaved recovery data with the AV data on the recording medium during AV data recording,

wherein the recovery data contains, in relation to the AV data, 1) file management information, 2) recording address information, 3) playback time information, and 4) a start address for an I-picture.

2-5. **(Canceled)**

6. **(Previously Presented)** A recording apparatus as described in claim 1, wherein recovery data address information indicating a location of the recovery data is stored in a predefined area.

7. **(Original)** A recording apparatus as described in claim 6, wherein the recovery data address information comprises multiple banks.

8. **(Previously Presented)** A recording apparatus as described in claim 1, wherein recovery data address information indicating an address of the recovery data is stored in a recovery data file of a predetermined name.

9. **(Original)** A recording apparatus as described in claim 8, comprising multiple recovery data files.

10. **(Previously Presented)** A recording apparatus as described in claim 6, wherein the recovery data address information includes a serial number or time information.
11. **(Original)** A recording apparatus as described in claim 1, wherein the recovery data is divided into at least two data segments that are recorded interleaved with the AV data when recording the AV data.
12. **(Original)** A recording apparatus as described in claim 11, wherein the segmented recovery data contains a recording address of previously segmented and recorded recovery data.
13. **(Previously Presented)** A recording apparatus as described in claim 11, wherein the segmented recovery data contains difference information from previously segmented and recorded recovery data.
14. **(Previously Presented)** A recording apparatus as described in claim 1, wherein the recovery data contains address information for next recovery data.
15. **(Previously Presented)** A recording apparatus as described in claim 1, wherein identification information for distinguishing the recovery data from other recorded data is recorded with the recovery data.
16. **(Previously Presented)** A recording apparatus as described in claim 1, wherein the recovery data is interleaved with AV data of a specific size.
- 17-18. **(Canceled)**
19. **(Previously Presented)** A recording method for recording AV data containing at least

one of audio data and video data, and recovery data for restoring management information for the AV data when AV data recording did not end normally, comprising recording the recovery data interleaved with the AV data during AV data recording.

20-26. **(Canceled)**